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***** STN Columbus *****

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=> file pnttext

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

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FILE 'RDISCLOSURE' ENTERED AT 12:03:26 ON 23 SEP 2008

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FILE 'USPATOLD' ENTERED AT 12:03:26 ON 23 SEP 2008

CA INDEXING COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPAT2' ENTERED AT 12:03:26 ON 23 SEP 2008

CA INDEXING COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

=> s norbornene derivative#

L1 1225 NORBORNENE DERIVATIVE#

=> s l1 and polymer# and ring open? and polymerization#

8 FILES SEARCHED...

L2 503 L1 AND POLYMER# AND RING OPEN? AND POLYMERIZATION#

=> s l2 and (co polymer? or copolymer?)

5 FILES SEARCHED...

L3 470 L2 AND (CO POLYMER? OR COPOLYMER?)

=> s l3 and norbornene ring opened copolymer?

L4 0 L3 AND NORBORNENE RING OPENED COPOLYMER?

=> s l3 and norbornene ring opened co polymer?

4 FILES SEARCHED...

L5 2 L3 AND NORBORNENE RING OPENED CO POLYMER?

=> d l5 1-2

L5 ANSWER 1 OF 2 EPFULL COPYRIGHT 2008 EPO/FIZ KA ON STN

AN 2004:54188 EPFULL EDP 20050120 ED 20050120 UP 20050120

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DUPD 20050119 DUPW 200503
TIEN NORBORNENE DERIVATIVE, NORBORNENE POLYMER
PRODUCED BY RING-OPENING (CO)
POLYMERIZATION, AND PROCESS FOR PRODUCING THE POLYMER
BY RING-OPENING (CO)POLYMERIZATION
.
TIFR DERIVE DE NORBORNENE, POLYMERES DE NORBORNENE OBTENU PAR (CO)POLYMERISATION A OUVERTURE DE NOYAU, ET PROCEDE DE PRODUCTION DUDIT POLYMERES PAR (CO) POLYMERISATION A OUVERTURE DE NOYAU.
IN MIYAMOTO, Yoshikazu, c/o JSR CORPORATION, 6-10, Tsukiji 5-chome, Chuo-ku, Tokyo 1040045, JP;
MIYAKI, Nobuyuki, c/o JSR CORPORATION, 6-10, Tsukiji 5-chome, Chuo-ku, Tokyo 1040045, JP;
GOTO, Kohei, c/o JSR CORPORATION, 6-10, Tsukiji 5-chome, Chuo-ku, Tokyo 1040045, JP;
HASHIGUCHI, Yuichi, c/o JSR CORPORATION, 6-10, Tsukiji 5-chome, Chuo-ku, Tokyo 1040045, JP
PA JSR Corporation, (Corporation, JSR), 6-10, Tsukiji 5-chome, Chuo-ku, Tokyo 104-0045, JP
PAN 4433841
DT Patent
LAF Japanese
LA English
LAP English
TL English; French
PIT WO/01 International application published with search report
PI WO 2004101478 A1 20041125
DS AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR
EXTENSION STATES: AL HR LT LV MK
AI EP 2004-729707 A 20040427
WO 2004-JP6095 A 20040427
PRAI JP 2003-135702 A 20030514
JP 2003-185203 A 20030627
IC.VER 7
ICM C07C013-72
ICS C08G061-06
AN 2004:54188 EFPULL EDP 20050120 ED 20060223 UP 20070509
DUPD 20070509 DUPW 200719
TIEN NORBORNENE DERIVATIVE, NORBORNENE POLYMER
PRODUCED BY RING-OPENING (CO)
POLYMERIZATION, AND PROCESS FOR PRODUCING THE POLYMER
BY RING-OPENING (CO)POLYMERIZATION
.
TIFR DERIVE DE NORBORNENE, POLYMERES DE NORBORNENE OBTENU PAR (CO)POLYMERISATION A OUVERTURE DE NOYAU, ET PROCEDE DE PRODUCTION DUDIT POLYMERES PAR (CO) POLYMERISATION A OUVERTURE DE NOYAU.
TIDE NORBORNENDERIVAT, DURCH (CO)POLYMERISIERUNG MIT RINGOEFFNUNG HERGESTELLTES NORBORNENPOLYMER UND VERFAHREN ZUR HERSTELLUNG DES POLYMERS DURCH (CO) POLYMERISIERUNG MIT RINGOEFFNUNG.
IN MIYAMOTO, Yoshikazu, c/o JSR CORPORATION, 6-10, Tsukiji 5-chome, Chuo-ku, Tokyo 1040045, JP;
MIYAKI, Nobuyuki, c/o JSR CORPORATION, 6-10, Tsukiji 5-chome, Chuo-ku, Tokyo 1040045, JP;
GOTO, Kohei, c/o JSR CORPORATION, 6-10, Tsukiji 5-chome, Chuo-ku, Tokyo

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1040045, JP;
HASHIGUCHI, Yuichi, c/o JSR CORPORATION, 6-10, Tsukiji 5-chome,
Chuo-ku, Tokyo 1040045, JP
PA JSR Corporation, 6-10, Tsukiji 5-chome, Chuo-ku, Tokyo 104-0045, JP
PAN 4433841
AG TBK-Patent, Bavariaring 4-6, 80336 Muenchen, DE
AGN 102381
DT Patent
LAF Japanese
LA English
LAP English
TL German; English; French
PIT EPAL Application published with search report
PI EP 1623967 A1 20060208
WO 2004101478 20041125
DS AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO
SE SI SK TR
AI EP 2004-729707 A 20040427
WO 2004-JP6095 A 20040427
PRAI JP 2003-135702 A 20030514
JP 2003-185203 A 20030627
IPCI C07C0013-72 [I,A]; C08G0061-06 [I,A]
C07C0013-00 [I,C*]; C08G0061-00 [I,C*]
L5 ANSWER 2 OF 2 USPATFULL on STN
AN 2007:75396 USPATFULL
TI Norbornene derivative, norbornene polymer
produced by ring-opening (co)
polymerization, and process for producing the polymer
by ring-opening (co)polymerization
IN Miyamoto, Yoshikazu, Tokyo, JAPAN
Miyaki, Nobuyuki, Tokyo, JAPAN
Goto, Kohei, Tokyo, JAPAN
Hashiguchi, Yuichi, Tokyo, JAPAN
PA JSR Corporation, Tokyo, JAPAN, 104-0045 (non-U.S. corporation)
PI US 20070065747 A1 20070322
AI US 2004-556717 A1 20040427 (10)
WO 2004-JP6095 20040427
20051114 PCT 371 date
PRAI JP 2003-135702 20030514
JP 2003-185203 20030627
DT Utility
FS APPLICATION
LN.CNT 1670
INCL INCLM: 430/270.100
NCL NCLM: 430/270.100
IC IPCI G03C0001-00 [I,A]
IPCR G03C0001-00 [I,C]; G03C0001-00 [I,A]; C07C0013-00 [I,C*];
C07C0013-72 [I,A]; C07C0025-00 [I,C*]; C07C0025-24 [I,A];
C07C0043-00 [I,C*]; C07C0043-215 [I,A]; C07C0043-285 [I,A];
C08G0061-00 [I,C*]; C08G0061-06 [I,A]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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